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### **FOREWORD**

Seventy years have passed since August 1908 when the Wright brothers delivered the world's first military aircraft to the United States government. This momentous event stimulated immense public interest and prompted an outpouring of newspaper and magazine articles. Interest in military aviation has since dramatically intensified and the number of books and periodical articles continues daily to increase profusely.

books and periodical articles continues daily to increase profusely.

This second edition of the United States Air Force bibliography presents a selection of books and periodical literature dealing with Air Force subjects. (It undates and expands the original Annotated Bibliography compiled in 1971 by Carl Berger and Mary Ann Cresswell. It reflects the utility and popularity of the first bibliography not only among scholars but among those with a more general interest in military aviation.

JOHN W. HUSTON, Major General, USAF Chief, Office of Air Force History

20 August 1978

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#### PREFACE

In choosing selections for this bibliography the increasing volume of published material relating to U.S. Air Force operations and activities necessitated great selectivity. Consequently many publications dealing either directly or indirectly with the Air Force have been excluded. Among the more noteworthy of these omissions are the many books and articles dealing essentially with U.S. foreign policy, including Congressional publications. To compensate for these exclusions and to help researchers locate additional publications in Air Force-related fields, an extensive selection of bibliographic sources has been provided in Appendix I. These bibliographies, grouped in eight subject categories, cover a wide range of topics pertaining to aeronautics and aviation and supplement the publications listed in this volume. Also included are Appendix II, Reference Works, and Appendix III, A Guide to Documentary Collections, both of which provide additional suggestions to sources of research material.

The thirty-eight subject groupings in the body of this bibliography were chosen to provide researchers with ready references to broad categories of general interest. A more detailed guide to specific topics is provided by the subject index. An author index is also appended as an aid

in locating specific items.

Where a book or an article deals with more than one subject, as is frequently the case, the book or article is listed in each applicable category. To conserve space, however, only the first listing provides full bibliographic data; subsequent listings refer to the original listing for this information.

Many people contributed in various ways in the preparation of this bibliography. Special appreciation, however, is due for the research efforts of Lt. Col. Herbert J. Deppe, Maj. David A. Harris, and Maj. Peter J. Anderson, all of the United States Air Force Reserve.

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Description of Army expenditures.

# APPENDIX III GUIDE TO DOCUMENTARY COLLECTIONS

This appendix is designed to aid scholars and researchers in locating depositories that contain primary and secondary sources of documents on the Air Force. Included are official USAF depositories, major official collections in the National Archives (including the Presidential libraries), and several major depositories containing vast collections of material which could serve scholars in aviation research.

For a more comprehensive and inclusive description of documentary collections see: United States Air Force History: A Guide to Documentary Sources. Lawrence J. Paszek, compiler. Washington: Office of Air Force History, 1973. 245 pp.

#### The Albert F. Simpson Historical Research Center Air University

Maxwell Air Force Base, Alabama 36112

The center contains more than a million documents which collectively span the life of the Air Force and its predecessors, the Army Air Forces, the Air Corps, the Air Service, and the Aviation Section of the Signal Corps. Primarily, the collection consists of Air Force unit histories and supporting operational documents of the major commands, numbered Air Forces, and lower echelon units (divisions, wings, groups, squadrons).

Closely related to the unit histories is the USAF Historical Study Series of several hundred special monographs prepared by Air Force historians since 1943. These monographs deal with such subjects as the development of air doctrine, personnel, training, organization, campaigns in various theaters, in World War II, and the Korean conflict.

In addition, the center holds sizable collections of personal papers donated by such distinguished airmen as Frank P. Lahm, Benjamin D. Foulois, Muir S. Fairchild, Millard F. Harmon, Ennis Whitehead, William E. Kepner, and others. The largest of these is the Ernest L. Jones collection of several hundred documents, including a chronology of the U.S. air arm beginning with the year 1861. There is also a sizable collection of oral history tapes and transcripts.

#### U.S. Air Force Academy Library **USAF Academy, Colorado 80840**

An archival collection of special holdings concerned with aeronautical and military subjects constitutes a part of the academy library. Included are papers of the academy's superintendents and duplicate or microfilm copies of many personal papers held by the Albert S. Simpson Historical Research Center and other collections.

#### Air University Library (U.S. Air Force) Maxwell Air Force Base, Alabama 36112

The library has broad subject coverage designed to meet the requirements of the graduate program for Air Force officers. In addition to books, periodicals and maps, a major source is the collection of more than a halfmillion military documents, studies and reports, of which 50 percent are security classified. The emphasis is not on technological research reported in technical reports but on current interest in military strategy, employment of air power, intelligence data, and geographic areas. A comprehensive current and historical collection of military regulations and manuals is included. The collection is screened periodically and those materials no longer of current interest are transferred to the Albert F. Simpson Historical Research Center. Historical information also appears in the microfilm copies of major military journals in English.

Selected student papers by Air Force officers and officers from other services assigned to Air University are maintained, 1946 to date. These deal with subjects suggested by Air Staff or Air Force commands, concerned with topics of current interest to the Air Force. The titles to these papers appear in an annual index, Air University Abstracts of

Research Reports.

In addition to the vast manuscript collection, the Air University Library contains 800,000 bound volumes of books and periodicals. These are carefully selected to represent all fields of aerospace power, military science, natural science, political science, economics, and engineering, and form one of the most complete book collections on aviation and military air to be found anywhere. The periodical subscriptions provide world-wide coverage, leaning strongly to military subjects, particularly aerospace power.

U.S. Air Force Museum

Wright-Patterson Air Force Base, Ohio 45433

The Museum maintains a collection of approximately 75,000 documents related to its physical holdings of about 5,000 aernautical items. These artifacts include a Wright brothers' plane, uniforms and guns of World War I, fighters and bombers of World War II, a B-36, and space capsules.

Little or no documentary material is associated with other Air Force museums, such as the Davis-Monthan Museum, Davis-Monthan AFB, Ariz.; Lackland AFB Museum, Lackland AFB, Tex.; SAC Museum, Offutt AFB, Neb.; or the Air Force Space Museum, Cape Canaveral AFS, Fla.

National Archives and Records Service General Services Administration Eighth and Pennsylvania Ave. NW Washington, D.C. 20408

The National Archives and Records Service of the General Services Administration has custody of all permanent noncurrent records created by the Federal Government. This agency operates a nationwide system of depositories which includes the National Archives Building in Washington, 6 Presidential libraries, 15 Federal records centers, and 11 regional archives branches located in Federal records centers. The archival holdings in the National Archives, rapidly approaching 1,400,000 cubic feet, consist of the basic records of all branches of our Government.

In addition to the textual records, the National Archives has custody of audiovisual and cartographic records. These are maintained centrally in separate divisions within the Archives to assure best methods of storage and preservation. Nevertheless, these records are described within their appropriate record groups to maintain identity. Searchers for motion picture film, still photography, sound recordings, and maps, therefore, may consult directly with the Audiovisual Archives Division or the Center for Cartographic and Architectural Archives for assistance in their areas of research.

The National Archives periodically publishes special guides to significant Federal records of research value. These include Federal Records of World War II (Washington: Govt. Print. Off., 1950. 2 vols.), and Guide to Cartographic Records in the National Archives (Washington: Govt. Print. Off., 1971), which lists the large holdings of aerial photographs relating to military as well as civil aviation.

Other major holdings of the National Archives and Records Services include:

Records of the Army Air Forces (1914-1947)

The textual records of the AAF and its predecessors include classified and unclassified general correspondence files, issuances, reports, correspondence relating to specific subjects, histories, minutes of meetings, cables, office files, case files of claims, library document collections, budget estimates, and other records of divisions of the Office of the Chief Signal Officer; of the Division of Military Aeronautics and sections of the Division; of the Bureau of Aircraft Production and divisions of the Bureau, including the Spruce Production Corporation, the Spruce Production Division, and the Spruce Production Districts; of the Office of the Chief of the Air Service and the groups and divisions of the Air Service; of the Air Corps and the divisions of the Air Corps; of the Air Force Combat Command and its general staff; of the Headquarters Army Air Forces and offices of the Headquarters; of field installations, including schools, bases, depots, and boards; of the Concentration Command; and of Air Service and Air Corps units, including wings, groups, squadrons, and companies.

Incoming and outgoing messages of the Message and Cable Division (1941-47); World War II combat units reports (1941-46); general decimal file of the Air Inspector (1945-47); reference file of the U.S. Strategic Bombing Survey Reports maintained by the Bureau of Public Relations (1943-48); and weekly medical statistical summaries of the Medical

Statistics Division (1945-46).

Cartographic records include those of the Aviation Section of the Office of the Chief Signal Officer; of the Army Air Service; of the Army Air Corps; and of the Army Air Forces, including the Aeronautical Chart Service. Included are maps of military airfields and air routes; World War II target charts and aerial photographs; climatic and meteorological maps of various overseas areas; and aeronautical charts and indexes.

Audiovisual records include 200,000 still photographs of personnel (1911–47); 6,000 of World War I activities and terrain (1918–19); 1,000 in the Erickson collection showing activities in California (1914–17); 11,000 of airplanes from Wright-Patterson AFB (1901–58); 2,000 as historical lantern slides of the Air Service (1903–27); 4,000 from Scott, March, and Rockwell Fields (1928–37); 91 sound recordings of the radio programs "The Fighting AAF" and "Your AAF" (1945); and 5,828 reels of motion pictures (1912–49).

Records of the Office of the Secretary of the Air Force (1942-1956)

The Department of the Air Force was established as part of the National Military Establishment by the National Security Act of 1947. Amendments in 1949 redesignated the National Military Establishment as the Department of Defense and established it as an executive office with the Department of the Air Force as a military department within the Department of Defense. The Secretary of the Air Force is responsible for the conduct of all affairs of the Department of the Air Force, including operations, administration, logistical support, preparedness, and effectiveness of the Air Force as may be prescribed by the President or the Secretary of Defense. The Office of the Secretary of the Air Force consists of the Under Secretary, Assistant Secretaries, Special Assistants, the Office of the Administrative Assistant, General Counsel, Legislative

Liaison, the Office of Information Services, and Space Systems as well as a number of special boards and committees appointed by or reporting to the Secretary.

Textual records include general correspondence, reports, budget estimates, directives, agenda and minutes of meetings, case files, memoranda, and publications of the Office of the Secretary of the Air Force and its subordinate offices, including the Air Force Committee for the Improvement of Paperwork and the Air Coordinating Committee, the Air Force Contract Adjustment Board, Air Board, Board for the Correction of Military Records, Joint Air Defense Board, Joint Air Transportation Board, Joint Airborne Troop Board, Joint Tactical Air Support Board, and the Physical Equipment Security Agency.

Records of Headquarters United States Air Force (1935-1963)

Headquarters United States Air Force, also known as the Air Staff, was established by the National Security Act of 1947 under the Department of the Air Force. The Chief of Staff, United States Air Force, serves as a member of the Joint Chiefs of Staff and the Armed Forces Policy Council. In his Joint Chief of Staff capacity, he is one of the principal military advisers to the President, the National Security Council, and the Secretary of Defense. He presides over the Air Staff and supervises such personnel and organizations of the Air Force as the Secretary of the Air Force determines, consistent with full operational command assigned to commanders of specified and unified combatant commands. The Chief of Staff is directly responsible to the Secretary of the Air Force for the efficiency of the Air Force and the accomplishment of its mission. The legal responsibilities of the Chief of Staff are shared by the Vice Chief of Staff, Assistant Vice Chief of Staff, Secretary of the Air Staff, and other staff officials or groups, and are further delegated to the organizational elements of the Air Staff in their appropriate areas of responsibility. The Air Staff, as a collective agency, creates no single body of records. Its records are composed of the records of the various organizational elements of Headquarters United States Air Force and predecessor agencies.

Textual records include correspondence and document files, reports, agenda and minutes, studies, budget estimates, publications, and other records of the Chief of Staff and the divisions and branches of the Air Staff. Included are records of the Air Force Council; the Air Technical Intelligence Center, Wright-Patterson Air Force Base, Ohio; and the world-wide air attache offices; staff messages of the Secretary of the Air Staff; general correspondence, military intelligence interpretation reports (with indexes), field photo intelligence reports on Korea, and intelligence document file of the Deputy Chief of Staff, Operations; the Deputy Chief of Staff, Materiel; and Wage Board correspondence of the Deputy Chief of

Staff, Personnel.

Cartographic records include special maps and aeronautical charts of the Aeronautical Chart and Information Center, training maps, radar charts, a photographic lunar atlas, and lunar charts. Included are 851 microfilm rolls of Air Force administrative publications (with background material) and statistical strength reports concerning military and civilian personnel of the Air Force.

Records of United States Air Force Commands, Activities. and Organizations (1900-1964)

The United States Air Force's field organization is composed of major commands and separate operating agencies. The commands are organized on a functional basis in the United States and on a geographic basis overseas. They are responsible for administering certain aspects of the Air Force's worldwide activities and for organizing, directing, equipping, and training their subordinate units for the accomplishment of assigned missions. Existing commands include the Aerospace Defense Command, Air Force Communications Service, Air Force Logistics Command, Air Force Systems Command, Air Training Command, Air University, Alaskan Air Command, Headquarters Command USAF, Military Airlift Command, Strategic Air Command, Tactical Air Command, and the United States Air Force Security Service. Overseas are the United States Air Forces in Europe, Pacific Air Forces, and the United States Air Forces Southern Command.

This record group includes the records of the field organizations of the Air Force and its predecessors. There are also selected official records and personal papers from the Arctic, Desert, and Tropic Information Center; Aerospace Studies Institute; and the Air University, Maxwell Air Force Base, Ala., relating to polar explorations and related activities (1934, 1943–1945, and 1953–1955).

Microfilm copies of records in the Air Force Historical Collection consist primarily of unit histories and supporting documents, monographs, studies, and reports originated by the Office of the Chief of the Air Corps and its successors—the Army Air Forces and the U.S. Air Force, and their subordinate organizations in the Zone of the Interior and overseas, including the Korean War. Much of this film is in poor condition. Original copies are in the Albert F. Simpson Historical Research Center, Maxwell Air Force Base, Ala.

Audiovisual records include 14 sound recordings of two radio broadcast series covering various aspects of aerospace technology, 1961; and 4,370 reels of motion pictures relating to the development of flight and Air Force activities (1900-64).

#### Presidential Libraries

One function of the National Archives and Records Srvices is to administer the Presidential libraries located in various parts of the country. The libraries preserve, describe, and render service in connection with papers and collections accumulated by the President of the United States. They acquire related historical materials and prepare documentary and descriptive publications. There are many papers in these collections which relate to commercial as well as military aviation.

The Presidential libraries are: Herbert Hoover Presidential Library West Branch, Iowa 52358 Franklin D. Roosevelt Library Hyde Park, New York 12538 The Harry S. Truman Library Independence, Missouri 64050 Dwight D. Eisenhower Library Abilene, Kansas 67410 John F. Kennedy Library 380 Trapelo Road Watham, Massachusetts 02154 Lyndon B. Johnson Presidential Library 2313 Red River Austin, Texas 78705

**Washington National Records Center General Services Administration** Suitland, Maryland 20409

Many of the Air Force records deposited in the National Archives are physically located in the Washington National Records Center, though they are administered by the Office of National Archives in Washington, D.C.

Library of Congress 100 First Street SE Washington, D.C. 20540

Manuscript Division

The Manuscript Division has custody of the main body of the library's mansucript holdings, numbering more than 30 million pieces or documents. These collections may be examined in a special reading room

maintained by the division under the supervision of attendants.

Of notable importance in the area of aviation are the official papers of the USAF Chiefs of Staff, and key leaders such as: Lt. Gen. Frank M. Andrews, Gen. Henry H. Arnold, Newton D. Baker, Vannevar Bush, Octave Chanute, Lt. Gen. Ira C. Eaker, Gen. Muir S. Fairchild, Maj. Gen. Benjamin D. Foulois, Maj. Gen. Adolphus Greely, Robert Ellsworth Gross, Maj. Gen. Hugh J. Knerr, Frank S. Lahm, Gen. Curtis E. LeMay, Charles A. Lindbergh, Grover C. Loening, Glenn L. Martin, Brig. Gen. William Mitchell, Marc A. Mitscher, Robert P. Patterson, Gen. John J. Pershing, Lt. Gen. Elwood R. Quesada, Hazel Lewis Scaife, Igor I. Sikorsky, Maj. Gen. George S. Simonds, Gen. Carl Spaatz, Gen. Nathan F. Twining, Gen. Hoyt S. Vandenberg, Harry Wexler, Gen. Thomas D. White, and Wilbur and Orville Wright.

In addition to the manuscript holdings donated by individuals, the Manuscript Division also has custody of archival collections deposited by institutions or nongovernment agencies that have ceased to operate. This collection contains material on various aspects of military aviation history

donated by the Institute of the Aerospace Sciences.

Science and Technology Division

With almost unlimited resources for research, the library's unparalleled collection of more than 64 million items in this division is perhaps the most extensive collection of civilian and military technical sources in publications dealing directly and completely with aeronautics or aviation in the United States and abroad.

The Aeronautics Section of this division prepares a monthly chronol-

og., cumulated annually and published by the National Aeronautics and Space Administration, entitled Astronautics and Aeronautics: A Chronology on Science, Technology, and Policy.

In addition, the Science and Technology Division compiles a wide variety of occasional bibliographies, many of which pertain to aviation.

Smithsonian Institution
National Air and Space Museum
1000 Jefferson Dr. NW
Washington, D.C. 20560

The material in the Documentary Research Files consists of organized subject files on almost every aspect of aviation from the earliest daysgoing back as far as Da Vinci-to space exploration, oriented heavily toward technical aviation. It covers such subjects as aircraft, by manufacturer, airships, by designation, biography, by name, engines, by manufacturer, instruments, by classification, military aeronautics, by card catalog, space, by subject, and technical orders. There are, in addition, aircraft engine catalogs, manuals, publications and photographs (1920-1966) pertaining to engines designed, developed and manufactured by the Curtiss Aeroplane and Engine Co., the Wright Aeronautical Corporation, and the Curtiss-Wright Corporation. Since the museum library leans heavily on and invites volunteers to assist in arranging collections, much of the material in these collections remains scantily identified. In addition, the files contain the Curtiss-Wright Corp. collection and the Technical Aviation Library consisting of more than 10,000 vols. of books on the subject of aircraft, and aviation-historical and technical-from earliest days to present. Includes standard guides to books and periodicals, primarily for aeronautical material. This collection also contains a complete set of Bibliography of Aeronautics published annually by the National Advisory Committee for Aeronautics from 1910-1937, citing publications as early as 1887. Only three complete sets are extant.

#### National War College Academic Archives 4th & P Streets SW Washington, D.C. 20315

This depository contains individual research papers (1946-1972) compiled by 854 Air Force graduates of the college on various subjects pertinent to the areas of concentration designated by the institution. Author, title, and subject card catalog index are available in the college library.

In addition to the research papers described above, the National War College Library, which houses the archives, contains a technical library of more than 150,000 books, bound journals, and pamphlets, and 85,000 classified documents, which reflect the mission of the National War College. Some of this material pertains to military aviation.

#### U.S. Army Military History Research Collection Carlisle Barracks, Pennsylvania 17013

The primary mission of the U.S. Army Military History Research Collection is to preserve materials of historical significance relating to the

military history of the United States. This collection consists of a vast number of unit histories—accounts of engagements or battles in which the units participated; routine day-to-day activities, rosters of personnel, casualty lists, or lists of individuals decorated for outstanding feats in

peace and in war.

Available in this collection is also the U.S. Army War College Archives (1905-1940), which contains many studies by committees and by individuals on the development and employment of aircraft. There are lectures by many military and civilian personalities interested in the military application of aircraft and in the strategic and tactical employment of planes. These printed Army War College materials are accompanied by a large number of 4 x 4" glass slides used as instructional materials. All the Army War College Archives are open for use by any scholar.

In addition, there are several small collections of manuscripts of interest to scholars concerned with aviation, such as papers of airborne

troops.

**Naval History Division Operational Archives** Washington Navy Yard, Bldg. 210 9th & M Streets SE

Washington, D.C. 20390

The Operational Archives of the Naval History Division is a specialized archives whose holdings relate primarily to the combat and peacetime operations of ships or other naval forces, and to strategic, policy, and planning programs undertaken at senior naval headquarters. Most of its holding date since 1939.

This organization serves the official information needs of the Navy, but its historical holdings are available to private scholars. For further information on the nature of these records and access procedures, scholars

should contact the Operational Archives.

(For a complete guide to naval sources see U.S. Naval History Sources in the Washington Area and Suggested Research Subjects published by the Naval History Division, Washington: Govt. Print. Off., 1970.)

Army Library Room 1A518 The Pentagon

Washington, D.C. 20310

The Technical Library Collection contains almost 300,000 bound volumes, 750,000 documents, and about 2,200 periodical titles, more than 400 foreign language journals, primarily in the field of military art and science. Much of it deals with air power and the history of the Air Force. Emphasis is placed on current materials in history, geography, languages, political science, foreign affairs, international law, science, and technology. Special collections are maintained for military documents, military law, and military unit histories. The library maintains a collection of Army Studies and publishes a catalog of them.

#### **UNIVERSITY COLLECTIONS**

A number of American universities have collections of interest to aviation historians. Perhaps the most significant of the university holdings that pertain to Air Force history is that of the Columbia University Oral History Research Office. The oral history program has been in existence since 1948 and has recorded more than 2,500 people for more than 3,000 hours of tape. All tapes have been transcribed.

Of special interest to students of aviation are:

Aviation History, 5,264 pages. A broad survey of the development of aviation, beginning with accounts by associates of the Wright brothers and other pioneers in the United States and abroad. Those interviewed include designers, engineers, pilots and executives, stunt flyers and barnstormers. Also covered are World War I aerial warfare, the rapid progress of aviation between the two World Wars, General Billy Michell's campaign to strengthen military aviation, Charles Lindbergh's solo flight to Paris, and eyewitness stories of exploits in World War II and the Korean War.

The Life of General Henry H. (Hap) Arnold, 1,726 pages. The life of General Henry H. Arnold, first Commander of the Army Air Forces, as related by his associates. Included are interviews with veteran Air Force officers throughout the country and with retired Royal Air Force officers in Great Britain who worked with General Arnold during World War II. Primary emphasis is on Arnold's role in the Air Force, his relations with his associates, the types of problems he met, and his contributions to the development of military aviation, including a wealth of material of value to Air Force historians.

Flying Tigers, 564 pages. Pilots, mechanics, radiomen, administrative and ground crew personnel reminisce about their experiences with Chennault's American Volunteer Group in Burma and China, and with the China National Aviation Corps during and after World War II. Informal and unstructured, these interviews provide source material on a thinly documented phase of World War II and the lore that has grown around it.

Other university collections of interest, not as extensive as the one at Columbia, are located at the University of Arizona, Boston University, University of California at Los Angeles, California Institue of Technology, Case Western Reserve University, University of Chicago, The Citadel, University of Colorado, Dartmouth College, Duke University, East Carolina University, Grinnell College, Harvard University, University of Illinois at Urbana-Champaign, Louisiana State University, University of Michigan, University of Mississippi, University of Missouri, University of North Carolina at Chapel Hill, University of Notre Dame, University of Oklahoma, Princeton University, Stanford University, Syracuse University, Texas Technological College, University of Washington, West Virginia University, Western Kentucky University, University of Wyoming, and Yale University.

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American Heritage—American Heritage Publishing Co.
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Arno—Arno Press
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Award—Award House

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Crown—Crown Publishers

Dai-Nippon—Dai-Nippon Printing Co. (Tokyo)
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Harleyford—Harleyford Publications, Ltd.
Harper—Harper and Row Publishers; Harper and Brothers
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Haskell—Haskell House Publishers
Hawthorn—Hawthorn Books
Heinemann—William Heinemann, Ltd.
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HMSO—Her (His) Majesty's Stationary Office
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IPS—International Publications Services

Johns Hopkins—Johns Hopkins Press Jon Joy—Jon Joy Publishers Jones—Marshall Jones Co.

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Merseyside—Merseyside Society of Aviation Enthusiasts
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Military Publishing—Military Publishing Institute
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Morrow—William Morrow and Co.

National Geographic—National Geographic Society
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New American—The New American Library
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Prentice—Prentice Hall
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Pyramid—Pyramid Publications.

Quadrangle—Quadrangle / The New York Times Co.

Rainbow—Rainbow Press
Rand—Rand Corp.
Rand McNally—Rand McNally and Co.
Random—Random House
Regnery—Henry Regnery
Rinehart—Rinehart and Co.
Ritchie—Ward Ritchie Press
Ronald—The Ronald Press Co.
Rosen—Richards Rosen Associates
Rudl—Fred Rudl Publisher

St. Martin—St. Martin's Press
Saucerian—Saucerian Books
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Schneidereith—Schneidereith and Son
Scholarly Resources—Scholarly Resources, Inc.
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Washington—Washington Press
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